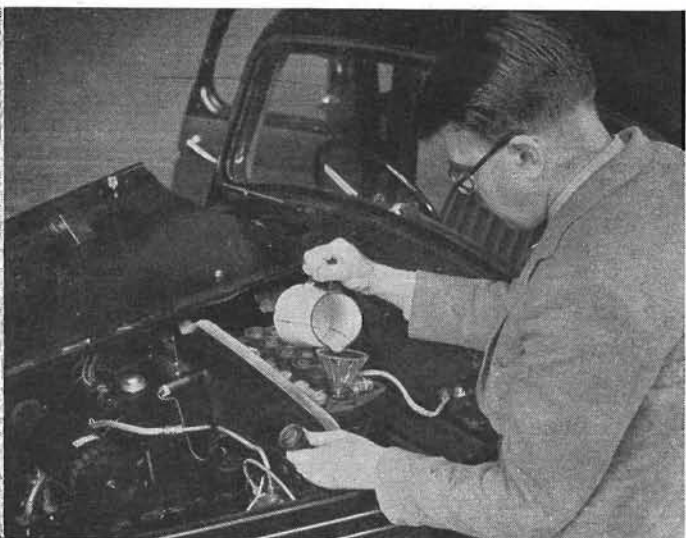




1. Examine the engine oil level, and if the oil is dirty, change it.



2. Sparking plug gaps should be in accordance with Instruction Manual recommendations.



3. Top-up battery level with distilled water; see that connections are tight and clean.

Preparing the car for your **HOLIDAY MOTORING**

THE modern car is extremely good-tempered. It will go for thousands of miles without trouble, provided it is fed with those basic essentials—petrol, oil and water. And there seems to be no limit to its endurance. Yet it will go so much better for the little extra attentions which it ought to get.

An approaching holiday is always a good time for a complete check-up on condition. It is so satisfying to know that everything is in order, and this assurance can be obtained by an afternoon's planned work on the car. Here, in pictures, are shown most of the detail attentions which any average driver can give.

The Engine

Check the engine oil level and, at the same time, the condition of the oil. If you have put 1,000 or more miles on the clock since the oil was last changed, drain the sump and refill with the recommended grade, an operation best carried out immediately after a journey, when the oil is warm. Otherwise top-up to the correct level and replenish the spare container.

Examine the oil filter. At 10,000 miles discard the "throw-away" type and replace it by a new one. If the element is a permanent one and has had no attention for 2,000 miles, thoroughly clean in petrol and dry it before reassembly.

Such items as tappet adjustment, plug and contact breaker gaps and the condition and security of high-tension leads will well repay examination; while the fan pulley bearing should be treated to a drop of lubrication. While the bonnet is open, see that the battery level is in order, that the leads are not corroded, and smear the terminals with Vaseline. Check the water level in the radiator, the oil level in the steering box, and the fluid in the Lockheed container.

The filters in the petrol system at the pump and the carburettor itself should be examined and cleaned, if necessary. Add the correct type of oil to the carburettor dashpot, as recommended in the Instruction Manual. Replenish the steering gearbox with oil.

The Chassis

Check the oil levels in gearbox and axle. If these components have not been drained for 5,000 miles or more, the oil should be replaced by the grade recommended for your car. At the same time attend to the oilers on the propeller shaft ends.

Now turn your attention to the steering and chassis oilers and give a couple of strokes with the oilgun to each of the wheel hub nipples. If braking performance is down, compensation for lining wear is readily made at each wheel by means of manual adjustment fully dealt with in the appropriate handbook, which similarly covers the procedure of bleeding the system if air has been allowed to enter the fluid circuit.

Hand brake adjustment is usually made at the bottom of the hand brake lever itself. It is a good point occasionally to tighten the road spring "U" bolts. Finally, look to the tyre pressures, and examine lamps for efficiency and correct focusing.

These are the necessary jobs. If you do not feel capable of undertaking any of them, it is suggested that you give a list to your Service Station so that they may be carried out.

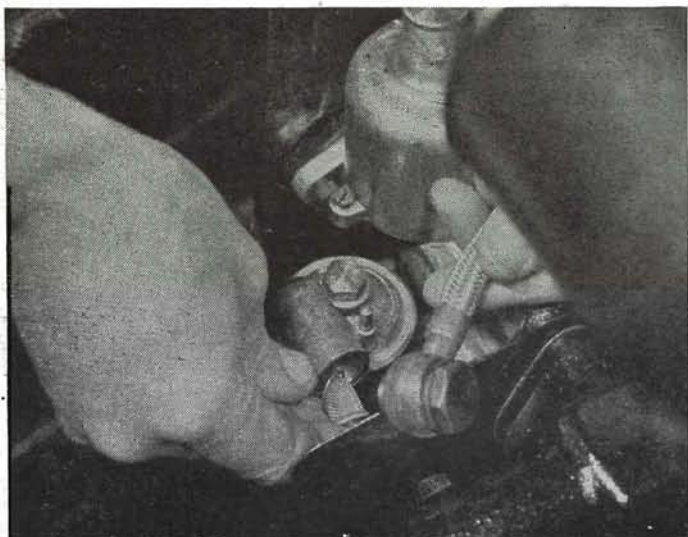
B. A. Richards



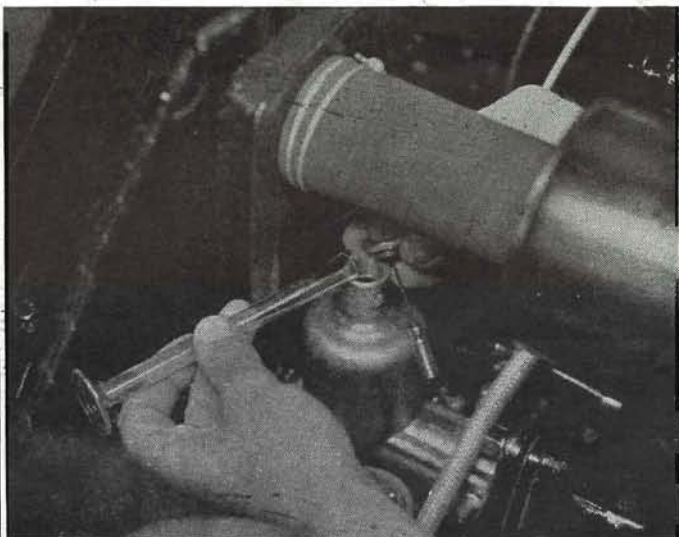
4. Check level in radiator top tank.



5. There should be sufficient Lockheed fluid in the reservoir.



6. The gauzes in the petrol pump and carburettor must be quite clean.



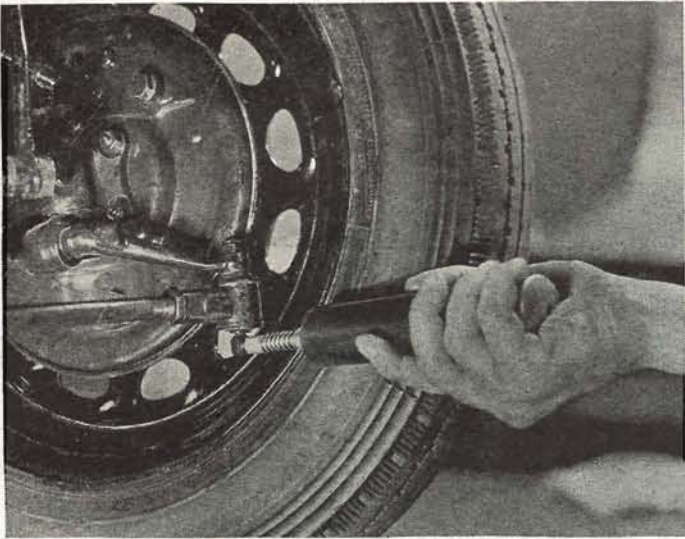
7. A little oil of the right grade should be added to carburettor dashpot.



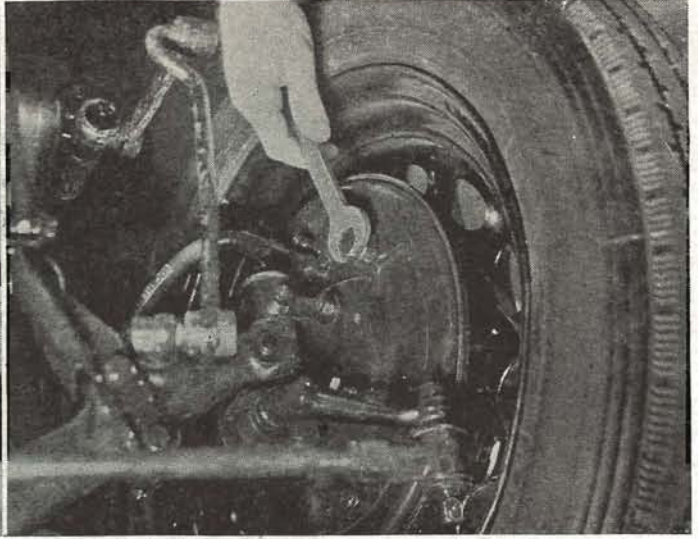
8. Fill the gearbox with the recommended grade of gear oil.



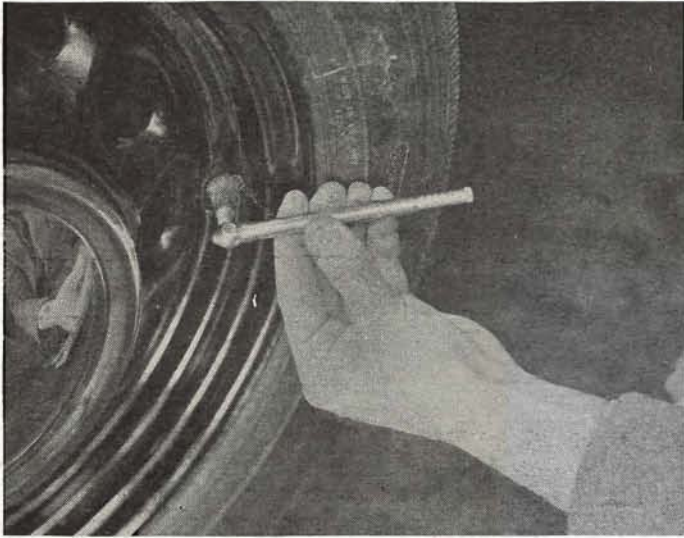
9. —and the axle. —continued on page 39



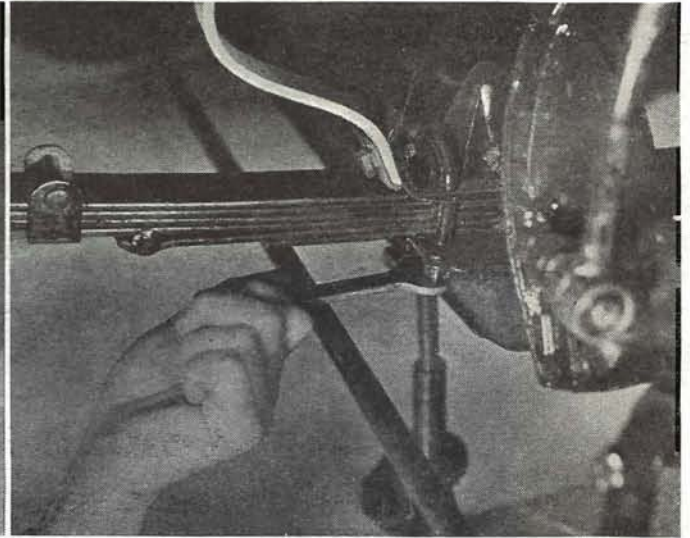
10. Grease all steering and other chassis nipples.



11. Individual brake adjustment for each wheel is available and readily accessible.



12. Don't forget the tyre pressures.



13. Tighten the spring holding-down bolts.



14. All bulbs in order?



15. —and headlights properly focused?